

# INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, required copies of documents listed thereon, and a concise explanation of their relevance is described below or enclosed herewith per 37 CFR 1.97.

|                        |                           |
|------------------------|---------------------------|
| Application Number     | 09/998,032                |
| Filing Date            | NOVEMBER 29, 2001         |
| First Named Inventor   | JEFFREY A. CHAPMAN ET AL. |
| Group Art Unit         | 2871                      |
| Examiner Name          |                           |
| Attorney Docket Number | GB 000166                 |

These documents may be relevant in that they have been:


- ☐ considered in drafting the specification of the above-referenced application;
- ☐ cited in the specification of the above-referenced application;
- ☐ previously submitted or cited in U.S. patent application(s) \_\_\_\_\_ which are relied on for an earlier effective filing date under 35 U.S.C. 120 (no copy required); or
- ☒ cited as an "X" or "Y" document in a foreign Patent Office search report on a foreign counterpart application, a copy of which report is also enclosed;  
☐ I hereby certify that these documents were first cited in any communication with a foreign Patent Office for a counterpart foreign application not more than three (3) months ago;
- ☐ otherwise a concise explanation of the relevance of each document is append hereto.  
☐ I hereby certify that not one of these documents was cited in any communication with a foreign Patent Office nor was any known to any individual designated in §1.56(c) more than three (3) months ago.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

|                   |   |                                   |         |
|-------------------|---|-----------------------------------|---------|
| Name (Print Type) | ERIC BRAM   | Registration No. (Attorney/Agent) | 37,285  |
| Signature         |  | Date                              | 11/1/02 |

## CERTIFICATE OF MAILING OR TRANSMISSION

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|                   |   |      |         |
|-------------------|---|------|---------|
| Name (Print Type) | ELISSA DELUCCY  |      |         |
| Signature         |  | Date | 11/4/02 |

THE COMMISSIONER FOR PATENTS, Washington, D.C. 20231

Enclosed for filing is the patent application of Inventor(s):  
Jeffrey A. CHAPMAN; Pieter J. VAN DER ZAAG; Steven C. DEANE; Ian D.  
FRENCH

For: PIXELLATED DEVICES SUCH AS ACTIVE MATRIX LIQUID CRYSTAL  
DISPLAYS

**ENCLOSED ARE:**

- ☒ Appointment of Associates;  
☒ Information Disclosure Statement, Form PTO-1449 and copies of  
documents listed therein;  
☒ Preliminary Amendment;  
☒ Specification (20 Pages of Specification, Claims, & Abstract);  
☒ Declaration and Power of Attorney:  
(2 Pages of a ☒ fully executed ☐ unsigned Declaration);  
☒ Drawing (5 sheets of ☒ informal ☐ formal sheets);  
☒ Certified copy of GREAT BRITAIN application Serial No.  
0029427.2;  
☒ Authorization Pursuant to 37 CFR §1.136(a)(3)  
☐ Other: ;  
☐ Assignment to

**FEE COMPUTATION**

| CLAIMS AS FILED                   |              |                 |          |                         |
|-----------------------------------|--------------|-----------------|----------|-------------------------|
| FOR                               | NUMBER FILED | NUMBER<br>EXTRA | RATE     | BASIC FEE<br>- \$740.00 |
| Total Claims                      | 23 - 20 =    | 0               | X \$18 = | 0.00                    |
| Independent<br>Claims             | 3 - 3 =      | 0               | X \$84 = | 0.00                    |
| Multiple Dependent Claims, if any |              |                 | \$280 =  | 0.00                    |
| TOTAL FILING FEE . . . . .        |              |                 |          | \$740.00                |

Please charge Deposit Account No. 14-1270 in the amount of  
the total filing fee indicated above, plus any deficiencies. The  
Commissioner is also hereby authorized to charge any other fees  
which may be required, except the issue fee, or credit any  
overpayment to Account No. 14-1270.

☐ Amend the specification by inserting before the first line  
as a centered heading --Cross Reference to Related Applications--;  
and insert below that as a new paragraph --This is a continuation-  
in-part of application Serial No. , filed , which is  
herein incorporated by reference--.

**CERTIFICATE OF EXPRESS MAILING**

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Date of Deposit *11-29-01*

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*Jeanne Rusclano*  
Typed Name

*Jeanne Rusclano*  
Signature

*Michael E. Marion*  
Michael E. Marion, Reg. 32,266  
Attorney  
(914) 333-9641  
U.S. Philips Corporation  
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*NOV 29 2001*

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To Commissioner For Patents

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Applicati n Number

Filing Date

Concurrently

First Named Inventor

Jeffrey A. CHAPMAN

Group Art Unit

Examiner Name

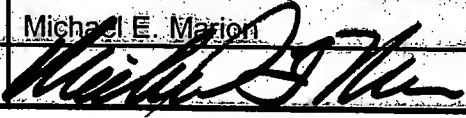
Attorney Docket Number

GB 000166

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- ☒ cited in the specification of the above-referenced application;
- ☐ previously submitted or cited in U.S. patent application(s) \_\_\_\_\_ which are relied on for an earlier effective filing date under 35 U.S.C. 120 (no copy required); or
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- ☐ I hereby certify that these documents were first cited in any communication with a foreign Patent Office for a counterpart foreign application not more than three (3) months ago;
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- ☐ I hereby certify that not one of these documents was cited in any communication with a foreign Patent Office nor was any known to any individual designated in §1.56(c) more than three (3) months ago.

## **SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

|                   |   |                                   |          |
|-------------------|---|-----------------------------------|----------|
| Name (Print Type) | Michael E. Marion   | Registration No. (Attorney/Agent) | 32,266   |
| Signature         |  | Date                              | 11/28/01 |

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Form PTO-1449  
U.S. DEPARTMENT OF COMMERCE (REV.7-80)  
PATENT AND TRADEMARK OFFICE

Atty. Docket No.  
GB 000166

Serial No.

Applicant  
Jeffrey A. CHAPMAN et al

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Filing Date  
CONCURRENTLY

Group

**U.S. PATENT DOCUMENTS**

| Ex.<br>Int. |    | Document Number | Date | Name | Class | Sub-<br>class | Filing Date<br>If Approp. |
|-------------|----|-----------------|------|------|-------|---------------|---------------------------|
|             | AA |                 |      |      |       |               |                           |
|             | AB |                 |      |      |       |               |                           |
|             | AC |                 |      |      |       |               |                           |
|             | AD |                 |      |      |       |               |                           |
|             | AE |                 |      |      |       |               |                           |
|             | AF |                 |      |      |       |               |                           |

**FOREIGN PATENT DOCUMENTS**

|  |    | Document Number   | Date     | Country | Class | Sub-<br>class | Trans. |
|--|----|-------------------|----------|---------|-------|---------------|--------|
|  |    |                   |          |         |       |               | Yes No |
|  | AG | E P 0 5 1 8 4 2 2 | 12/16/92 | EUROPE  | C03C  | 17/10         | X      |
|  | AH | W O 9 9 5 9 0 2 4 | 11/18/99 | PCT     | G02F  | 1/1343        | X      |
|  | AI |                   |          |         |       |               |        |
|  | AJ |                   |          |         |       |               |        |
|  | AK |                   |          |         |       |               |        |

**OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)**

|  |    |  |
|--|----|--|
|  | AL | "Conductivity Enhancement of Transparent Electrode by Side-Wall Copper Electroplating", J. Liu et al, SID 93 Digest, pp. 554-557 |
|  | AM |  |
|  | AN |  |

Examiner

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 6. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

|  |  |  |  |                          |  |
|--|--|--|--|--------------------------|--|
| Form PTO-1449<br>U.S. DEPARTMENT OF<br>COMMERCE<br>(REV. 7-80) PATENT AND TRADEMARK OFFICE |  | Atty. Docket No.<br>GB 000166          |  | Serial No.<br>09/998,032 |  |
| <b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary)                |  | Applicant<br>JEFFREY A. CHAPMAN ET AL. |  |                          |  |
|  |  | Filing Date<br>11/29/01                |  | Group<br>2871            |  |

| U.S. PATENT DOCUMENTS |    |    |    |    |    |    |                 |        |                                      |       |           |                        |
|-----------------------|----|----|----|----|----|----|-----------------|--------|--------------------------------------|-------|-----------|------------------------|
| Ex. Int.              | AA | AB | AC | AD | AE | AF | Document Number | Date   | Name                                 | Class | Sub-class | Filing Date If Approp. |
|                       |    |    |    |    |    |    | 0 0 1 9 3 7 4   | 9/6/01 | IZUMI ET AL. (Patent App. Pub. 2001) | 349   | 43        |                        |
|                       |    |    |    |    |    |    |                 |        |                                      |       |           |                        |
|                       |    |    |    |    |    |    |                 |        |                                      |       |           |                        |
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|                       |    |    |    |    |    |    |                 |        |                                      |       |           |                        |
|                       |    |    |    |    |    |    |                 |        |                                      |       |           |                        |

| FOREIGN PATENT DOCUMENTS |    |    |    |    |                 |      |         |       |           |        |    |  |  |
|--------------------------|----|----|----|----|-----------------|------|---------|-------|-----------|--------|----|--|--|
| AG                       | AH | AI | AJ | AK | Document Number | Date | Country | Class | Sub-class | Trans. |    |  |  |
|                          |    |    |    |    |                 |      |         |       |           | Yes    | No |  |  |
|                          |    |    |    |    |                 |      |         |       |           |        |    |  |  |
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|                          |    |    |    |    |                 |      |         |       |           |        |    |  |  |

| OTHER (Including Author, Title, Date, Pertinent Pages, Etc.) |    |  |
|--|----|--|
| AL   | AM |  |
|  |    |  |
| AN   |    |  |

|          |                 |
|----------|-----------------|
| Examiner | Date Considered |
|----------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.